

FORM
6Rev
02/20

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
----	----	----	----

Document Number:

402181417

Date Received:

09/18/2019

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.

A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 69175

Contact Name: Valerie Danson

Name of Operator: PDC ENERGY INC

Phone: (970) 506-9272

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

Type of Well Abandonment Report: ☐ Notice of Intent to Abandon ☒ Subsequent Report of Abandonment

API Number 05-123-20697-00

Well Name: SKURICH/ROTHE

Well Number: 6A

Location: QtrQtr: SE Section: 6 Township: 5N Range: 63W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.425000 Longitude: -104.474690

GPS Data: GPS Quality Value: 2.8 Type of GPS Quality Value: PDOP Date of Measurement: 01/30/2007

GPS Instrument Operator's Name: Holly L. Tracy

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☐ Yes ☐ No If yes, explain details below

Details:

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	6758	6766	08/21/2019	B PLUG CEMENT TOP	6708

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	364	255	364	0	VISU
1ST	7+7/8	4+1/2	11.6	6,954	370	6,954	3,370	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6708 with 2 sacks cmt on top. CIBP #2: Depth 6370 with 2 sacks cmt on top.
 CIBP #3: Depth 3400 with 2 sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
 CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 130 sks cmt from 1715 ft. to 1300 ft. Plug Type: STUB PLUG Plug Tagged: ☐
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 275 sacks half in. half out surface casing from 650 ft. to 0 ft. Plug Tagged: ☒

Set _____ sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: ☐ Yes ☐ No

Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: 1600 ft. of 4+1/2 inch casing

Cut and Cap Date: 08/23/2019

*Wireline Contractor: C&J Energy Services

*Cementing Contractor: C&J Energy Services

Type of Cement and Additives Used: Type III 14.8 PPG Portland Cement

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Skurich/Rothe 6A (05-123-20697)/Plugging Procedure
 Producing Formation: Codell: 6758'-6766'
 Upper Pierre Aquifer: 380'-1480'
 TD: 6997' PBTD: 6910'
 Surface Casing: 8 5/8" 24# @ 364' w/ 255 sxs
 Production Casing: 4 1/2" 11.6# @ 6954' w/ 370 sxs cmt (TOC @ 3370' - CBL).

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6708'. Top with 2 sxs 15.8#/gal CI G cmt.
4. TIH with CIBP. Set BP at 6370'. Top with 2 sxs 15.8#/gal CI G cmt.
5. TIH with CIBP. Set BP at 3400'. Top with 2 sxs 15.8#/gal CI G cmt.
6. TIH with casing cutter. Cut 4 1/2" casing at 1600'. Pull cut casing.
7. TIH with tubing to 1715'. RU cementing company. Mix and pump 130 sxs 14.8#/gal Type III cement down tubing (Pierre coverage from 1715'-1300'). TOC at 1300'.
8. Pickup tubing to 650'. Mix and pump 275 sxs 14.8#/gal Type III cement down tubing. Cement circulate to surface.
9. Cut surface casing 6' below ground level and weld on cap.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____

Print Name: Valerie Danson

Title: Reg Tech

Date: 9/18/2019

Email: valerie.danson@pdce.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:

Date: 2/24/2022

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type

Description

0 COA

Attachment List

Att Doc Num

Name

402181417	FORM 6 SUBSEQUENT SUBMITTED
402181430	CEMENT JOB SUMMARY
402181432	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Permit	Permitting review complete.	02/17/2022
Engineer	Requested Form 43 to document sample from Form 17 test. PDC response that sample was not caught, when returning to catch sample the plugging operation had begun.	11/25/2019

Total: 2 comment(s)